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AN - 1998-422498 [36]

AP - US19970872629 19970610; JP19970113957 19970501

CPY - MISP

DC - A14 A97 G02

FS - CPI

IC - C09D5/00 ; C09D11/00 ; C09D11/16

IN - IDOGAWA H; IWASA A; OGIWARA Y; SAKURAI K

MC - A07-B A10-B03 A12-W07D G02-A04A G05-F03

PA - (MISP ) MITSUBISHI PENCIL CO LTD

PN - US5965634 A 19991012 DW199949 C09D5/00 000pp

- JP10176130 A 19980630 DW199836 C09D11/00 007pp

PR - JP19960273337 19961016; JP19960158455 19960619

XA - C1998-127153

XIC - C09D-005/00 ; C09D-011/00 ; C09D-011/16

AB - J10176130 A new water base ink composition comprises an aqueous dispersion liquid of the coloured resin fine particles prepared by emulsion polymerization of vinyl monomers containing a dissolved hydrophobic dye by using a polymerizable surfactant.

- ADVANTAGE - The water base ink compsn. has excellent storage stability. The ink-jet recording of the water base ink compsn. obtained using ink-jet recording equipment does not give rise to bleeding at the printed part and gives clear-cut images, and it is excellent in water resistance and light resistance. The written letters and drawn lines of the water base ink compsn. obtained using a writing implement do not give rise to bleeding due to water or sweat and do not disappear, and any colour does not become turbid owing to mixing of colours. Since the aqueous dispersion liquid of the coloured resin fine particles is obtained by emulsion polymerization of the vinyl monomers having the hydrophobic dye dissolved beforehand, it assumes a bright colour and the pigment does not precipitate or flocculate for a long time.

- (Dwg.0/0)

IW - WATER BASE INK COMPOSITION INK JET RECORD COMPRISE AQUEOUS DISPERSE PARTICLE PREPARATION EMULSION POLYMERISE VINYL MONOMER CONTAIN DISSOLVE HYDROPHOBIC DYE

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INW - IDOGAWA H; IWASA A; OGIWARA Y; SAKURAI K

NC - 002

OPD - 1996-06-19

ORD - 1998-06-30

PAW - (MISP ) MITSUBISHI PENCIL CO LTD

TI - Water base ink composition for ink jet recording - comprising aqueous dispersion of particles prepared by emulsion polymerisation of vinyl monomers containing dissolved hydrophobic dye

USAB- US5965634 A new water base ink composition comprises an aqueous dispersion liquid of the coloured resin fine particles prepared by emulsion polymerization of vinyl monomers containing a dissolved hydrophobic dye by using a polymerizable surfactant.

- ADVANTAGE - The water base ink compsn. has excellent storage